

# **BARRINGTON FIRE & RESCUE**

774 Franklin Pierce Highway Barrington NH 03825

(603) 664-2241

*"Our family helping yours"*

Rick Walker  
Fire Chief

Eric Lenzi  
Asst. Fire Chief

## **Town of Barrington 2020 Tank Truck Bid Proposal**

Barrington Fire & Rescue is seeking proposals for a new Tank truck. This proposal is centered on re-using the existing tank and body and retrofitting it on to a new cab, chassis and new pump.

### **Scope of Work**

Scope to include providing a new 2020 Freightliner M2-106 single axle chassis, removal of existing poly tanker water tank/body and mounting it on the new Freightliner chassis, with new split shaft midship fire pump. Vehicle shall be retrofitted with new LED warning and scene lighting, and lettering per Town of Barrington specification.

### **Work to Include:**

Removal of body from current chassis, to be performed in a professional manner to allow the chassis to remain serviceable/drivable. Pump and pump house do not have to remain on chassis but can remain in place depending on need and ease of body removal.

### **Cab and Chassis Specification**

2020 Freightliner M2-106 2 door cab with extension.

Cummings ISL9 380 hp. engine with compression brake.

Allison EVS 3000 automatic transmission.

18,000 lb. front axle.

30,000 lb. rear axle, with locking differential.

Auxiliary rear helper springs.

Aluminum wheels, chrome axle nut covers.

Mud and snow tires on the rear.

270 Amp alternator.

Air ride driver's seat.

(2) passenger seats with SCBA brackets, middle seat to be installed at the back of the cab.

Battery disconnect switch inside the cab within easy access of the driver's seat.

Trimmed battery box and factory fuel tank.

Chrome front bumper.

Chrome grab handles on both sides of the truck.

Chrome Air horns, Air horn activation switch(s) must be within easy reach of both driver and front seat passenger.

Vehicle shall be equipped with heated mirrors.

### **New Chassis Preparation**

Install wiring backbone and power distribution studs.

Wire seatbelt switch alarm system.

Install and wire auto eject electric outlet and battery conditioner.

Install auto eject air inlet plumbed to chassis air.

Install and wire Whelen Freedom NFPA lightbar on the roof, with forward scene lighting capability.

Install and wire (2) Whelen M6 warning lights on the grille, and (2) Whelen M6 warning lights, one on each side of the hood.

Install and wire a Whelen electronic siren and bumper mounted speaker.

Install switch matrix in the cab as directed by Barrington Fire and Rescue.

### **Body Removal and Equipment Updates**

Remove pump plumbing from water tank to facilitate water tank removal.

Remove hose bed dividers, hose bed floor, water level indicator, and dump and fill valves.

Remove and inspect the water tank.

Rinse out the inside of the water tank through the tank floor sump.

Remove electrical connections and air lines that control the dump valves and chutes.

Un-bolt body sub-frame and prepare poly body for removal.

Remove body from old chassis, clean and remove dirt from body and water tank using a high-pressure washer.

Update body stop, turn, taillights and ICC lights with new Whelen M6 light cluster bezels.

Install new Whelen beacons high on each side of the rear body.

Install new LED ground lights under the apparatus body, switched from cab and compartment lighting.

(4) Four Whelen M9, 12-volt scene lights shall be installed on the tank body one on each side and two rear facing switched from inside the cab.

Install new water level gauge with tank level indicator lights, one at the rear of the tank and one at the pump panel.

Install (2) Two aluminum adjustable shelves, (1) one 200 lb. slide out tray and (1) one 600lb. slide out tray as directed by Barrington Fire & Rescue.

Fabricate hose containment system to protect cross-lay hose from deployment.

The remaining area next to the cross-lays (dunnage area) shall serve as storage area for long handled tools and equipment. Exact size to be determined by BF&R after layout of chassis wheelbase etc.

Hose bed wall shall be raised as needed to accommodate additional hose bed capacity as mutually agreed upon by manufacturer and Barrington Fire and Rescue based upon weight capacity of the chassis.

A D&S hose bed cover will be fitted over the top for securing hose load with a fitted rear chevron flap.

## **Pump**

Install Department specified, Hale 1000 GPM, single stage, split shaft fire pump on new chassis, connect associated wiring and controls to the chassis.

Remove and rework/balance existing driveshaft to couple to driveline.

Install air pump shift and associated plumbing to accessory air tanks.

Hale "safe buy" module pump house shall service two 1.75" NST crosslays plumbed with 2" pipe.

Install (1) one 2.5" NST discharge on the left side.

Install (1) one 3" discharge on the right side, terminated with a 3" X 4" Stortz adaptor and blind cap.

Each discharge shall have a 2.5" gauge with "T" handle control, bleeder and chrome cap as needed.

Water intakes shall be chrome capped, 6" NST, one on each side of the vehicle.

A 2.5" NST capped, gated water intake shall be provided on the left side operators panel.

An adjustable discharge relief valve shall be provided on the pump panel, as well as a preset intake relief valve located behind a stainless-steel pump panel.

New pipe shall be used for all plumbing of the tank and pump.

Pump shall be capable of 650 GPM from the tank.

## **Body Reinstallation**

Apparatus body shall be installed on the new chassis using new isolators and tank rubber as needed prior to water tank reinstallation.

A new Akron direct tank fill valve shall be provided on the rear of the apparatus body and fitted with the correct inlet adaptor.

Dump control valves shall be updated in a manner mutually agreed upon by the manufacturer and Barrington Fire & Rescue to provide for maintenance and modernization.

All connections made and unit tested for service intended and readied for service.

## **Paint & Lettering**

Vehicle paint shall be mutually agreed upon between the vendor and the town.

Any paint matching will be done to the cab to match our poly body. Vendor to provide quote to paint cab below in the option section,

Vehicle lettering shall be gold vinyl to match existing apparatus.

Installation of a town seal on each side of the vehicle. Town seals to be supplied by the Town of Barrington.

### **Threshold Requirements**

Each firm by the submission, understands and agrees that the award of a contract shall be contingent upon the successful applicant providing the Town of Barrington with proof of insurance coverage. The selected firm shall provide proof of insurance including but not limited to:

- a. Worker's Compensation with statutory limits if the vendor has any employees.
- b. Professional Liability or Errors and Omissions coverage of \$1,000,000
- c. Business auto liability coverage with a combined single limit of at least \$500,000.
- d. General Liability coverage of at least \$500,000 per occurrence with the Town of Barrington added as additional insured by endorsement to the extent the vendor's liability policy requires an endorsement to create additional insured coverage.
- e. The general liability coverage and automobile liability shall include endorsements for additional insured, naming the "Town of Barrington", its elected officials, employees, agents and volunteers as an additional insured. The additional insured endorsement shall be attached to the certificate of insurance.
- f. If the firm is unable to meet the above requirements, please provide additional details; and for insurance, provide available coverage levels.

This RFB does not commit the Town of Barrington to paying any costs incurred by the contractor in the submission or presentation of a proposal, or in making the necessary studies for the preparation thereof, Further the Town of Barrington reserves the right to:

- Accept or reject any and all submittals received as a result of this RFB at any time.
- Negotiate with qualified companies.
- Cancel the RFB, in part or in whole, if it is determined to be in the best interest of the town to do so.
- Waive minor irregularities and formalities in the RFB submittals.
- The Town reserves the right to seek clarification, on any point, in any response, at any phase, of the selection process.
- Substantial changes to the requirements of this RFB document shall be made in writing and included with the bidder's documents to the town. Substantial changes shall be approved in writing by the Town.
- Bid price must be guaranteed for 90 days from date of bid opening.
- Bid must be signed by manufacturers representative.

No guarantee of work, financial obligation, or other assurance is made to any respondent of this RFB whether selected or not for the Fire Tanker Remount.

**Proposal to the Town of Barrington for work as described in the above packet**

**Option 1:**

Total price for current truck picked up at BF&R, body removed, and old chassis, in drivable condition, delivered to (Barrington Highway Department) 226 Smoke St. Barrington NH. Above specified work performed. New tank truck in service delivered to 774 Franklin Pierce Hwy. Barrington NH (Barrington F&R).

Total price for option 1 \$ \_\_\_\_\_ Estimated delivery date \_\_\_\_\_

**Option 2:**

Total price of above specified work (Option 1) if the Town pays for the new chassis upon delivery to the manufacturer.

Total price for option 2 \$ \_\_\_\_\_ Estimated delivery date \_\_\_\_\_

**Option 3:**

Total price for the above specified work if the Town of Barrington purchases the new Freightliner Chassis (based on manufacturer specified frame dimensions) and have it delivered to the manufacturer's location. Manufacturer to perform above specified work, and responsible for above specified vehicle transportation to 774 Franklin Pierce Hwy. Barrington NH.

Total price for option 3 \$ \_\_\_\_\_ Estimated delivery date \_\_\_\_\_

**Option 4:**

Price difference if the Town of Barrington provides all vehicle transportation.

Total price for option 4 \$ \_\_\_\_\_ Estimated delivery date \_\_\_\_\_

**Paint Quote:**

In the event the factory cab paint does not match the poly body, please provide a quote to prepare and paint the Freightliner cab to match our poly body. This quote shall be in addition to final bid price.

Paint Quote \$ \_\_\_\_\_

**Trade in value:**

Cash value of the 1994 International cab and chassis, to be removed from the selected bid option above, should the Town of Barrington decide to not keep the old chassis. Trade value shall have no bearing on bid award.

Total cash trade value \$ \_\_\_\_\_

Bids shall be submitted in a sealed envelope clearly marked 2020 Fire Tanker Bid and include Pages 5 & 6 of this document along with the signed Contractor Information page.

Bids may be hand delivered to:

Barrington Town Hall  
333 Calef Hwy.  
Barrington NH 03825

Or mailed to:

Town of Barrington  
PO Box 660  
Barrington NH 03825

Bids must be in the possession of the Barrington Town Offices by 3 pm on Monday March 2, 2020. Bids received after that date and time shall not be accepted.

Bid opening to take place Monday March 2, 2020 at 3:30pm at the Barrington Town Office 333 Calef Hwy. Barrington NH. 03825.

Bid award shall be made during the public portion of the Barrington Select-board meeting on either March 9<sup>th</sup>, 2020 or March 23<sup>rd</sup>, 2020.

Please direct any questions to Assistant Fire Chief Eric Lenzi 603-834-2204 or [elenzi@barrington.nh.gov](mailto:elenzi@barrington.nh.gov)

For pre-bid inspection of the 1994 International Please Contact Asst. Chief Eric Lenzi 603-834-2204

Respectfully,

Eric Lenzi, Asst. Fire Chief  
Barrington Fire & Rescue



**TOWN OF BARRINGTON  
NEW HAMPSHIRE**

Fire Department

**2020 Tank Truck Bid Proposal**

**CONTRACTOR INFORMATION**

Contractor's Name: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Email: \_\_\_\_\_

**Proposal**

Additional information: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**References (provide at least 3)**

Name/Contact Name	Phone Number	Year(s)

By signing below, you certify the rates above and a full understanding of the services as proposed and outlined in the scope of services.

Name and Title of Authorized Signatory: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_